Bintang Fajar Julio

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SUMMARY

I am a fresh graduate in Informatics Engineering from Jakarta State Polytechnic, eager to grow and contribute to the field of app development. With experience in JavaScript, Go, PHP, and Python, I am passionate about creating innovative solutions. Additionally, I have a background in teaching coding and knowledge of machine learning, equipping me with soft and hard skills.

EXPERIENCE

Timedoor Academy | Online Coding Teacher *(February 2023 – Now)*
- Taught programming to teenagers in Phaser, HTML, CSS, JavaScript, Python, and React Native.
- Reported on progress and addressed student issues.

Nusa Tekno Global | Junior Programmer *(September 2023 – Januari 2024)*
- Developed the 'Kekayaan Intelektual Universitas Indonesia' web app utilizing NUXT, Go, and PostgreSQL.
- Collaborated with a online scrum team using GitLab for version control and project management.

PT Pertamina Bina Medika IHC | IT Intern *(September 2023 – December 2023)*
- Developed the 'Anjungan Pendaftaran Mandiri' web app using CodeIgniter 3 and Oracle.
- Collaborated with the intern team in the office environment.

EDUCATION

Politeknik Negeri Jakarta *(2020 – 2024)*
- D4 Teknik Informatika (Bachelor of Applied Sciences in Informatics Engineering).
- Graduated with a GPA of 3.80 and completed a thesis titled 'Design and Development of a Web App for Classification of Expertise Fields and Thesis Supervisor Recommendations Using Machine Learning.'

Independent Study, PT Bisa Artificial Indonesia | AI Research Mentee *(August 2022 – December 2022)*
- Studied deep learning as an advanced AI research methodology.
- Graduated with an average score of 88.18.

PROJECTS

Smart Skripsi JTIK
- Web app based on Flask and Firebase, incorporating machine learning for text classification and recommendations.
- App: https://bintangfjulio-skripsi-jtik-pnj.hf.space

TeMaNesia
- Web app based on Flask and Firebase for sharing government educational events.
- App: https://bintangfjulio-temanesia.hf.space

Electrical Grid Stability Classifier
- Web app based on Flask, incorporating machine learning for classifying numerical electrical data stability.
- App: https://bintangfjulio-grid-stability-classifier.hf.space

To Do App
- Web app based on Laravel 11 and Tailwind for managing to-do and completed lists
- App: https://todo-note-production.up.railway.app

Kekayaan Intelektual Universitas Indonesia (KI UI)
- Web app based on NUXT, Go, and PostgreSQL for digital management of Universitas Indonesia intellectual property.

ORGANIZATIONS

KSM Sahabat PNJ | Public Relations *(January 2022 – December 2022)*
- Designed and posted content for the organization's account while serving as a communicator for the channel.

Seminar Nasional Inovasi Vokasi Comittee | Journal Formatter *(May 2022 – July 2022)*
- Edited journal formats submitted by authors before publication and served as a co-moderator at the conference.

CERTIFICATIONS

Pengembang Web (BNSP) | Junior Web Developer (BNSP) | Website Development Course (Timedoor Academy Pro) | Finalist KMIPN V 2023 (BAKORMA) | Baparekraf Machine Learning (Dicoding) | Belajar Dasar Git & Github (Dicoding)